

NETWORK OF JERSEY TUNNELS

THE HUDSON COMPANIES EXPLAIN THEIR PLANS.

When the Work is Finished the Companies Promise That Jersey City Will Be Nearer the Theatre District Than Washington Heights—Much Accomplished.

Officials of the Hudson Companies invited reporters of the New York papers to go with them yesterday to Church street between Cortlandt and Fulton streets and across the river to Pier C, Jersey City, and learn at first hand a few facts about the work this company has been doing in linking New Jersey and New York.

Under the Pennsylvania terminal station in Jersey City, deep down in the bedrock that supports all the Jersey shore, a network of tunnels, chambers and drifts has been bored which represents what is to be the Jersey City station of the interstate system of underground railroads. The reporters were told that in Manhattan, along Christopher street to the intersection with West Ninth street and Sixth avenue, a tunnel had already been dug beneath the basements of unsuspecting tenants, and that at the intersection of the three streets the excavation for an underground station had already been made.

For a year and a half the boring has been going on. Passengers passing through the Pennsylvania station had not had the least suspicion of the extent of the burrowing in progress under foot. Nor have the shopkeepers on Christopher street been aware that somewhere fifty feet below their sub-basements men were hitting their way through the rock foundation of the island.

"Oh, that is one of the little jokes we have at the expense of the citizens," said Keynon B. Conger, secretary of the Hudson Companies, when he was tracing along on the map the course of the tunnel works yesterday. "In one instance we rented a building on Christopher street where we thought there might be trouble. But there was none, and we sublet it to tenants who do not know to-day that already the tunnel has passed under them and gone on."

By May, 1908, when it is expected all the Hudson Companies' tunnels will be completed and when the twin twenty-two storied terminal buildings on Church street will be finished, the officers of the construction company said yesterday, a passenger may step on one of the new trains at Newark, transfer to the subway at the Church street Grand Central in Manhattan and go on through the new Interborough tunnel under the East River to Brooklyn and out to Fort Hamilton without seeing once the light of day.

When the reporters had assembled at the buildings of the construction company near Pier C in Jersey City yesterday morning an engineer took them down a hundred foot shaft through the bedrock, within fifty yards of tide level, to the floor of the excavation that has been made beneath the central station of the Pennsylvania Railroad. This shaft, he explained, would be practically useless in the operation of the underground system after everything was in working order, but the engineers had been forced to sink it in order to get under the railroad station from a safe distance.

From the foot of the shaft into the solid rock a 500 foot drift has been run. The north end of this drift is directly beneath the Pennsylvania station. It taps the whole system of incoming and outgoing tunnels and the avenues under North River to New York. Between the roofs of the various tunnels and the floor of the big station above from fifty to seventy-five feet of mica schist intervenes. This rock is strong enough to admit of tunnels being bored along hollowed out of it and still support the great weight of the railroad station above.

Out of this solid rock five tunnels have been driven west for distances varying between 1,200 and 1,500 feet. In the opposite direction the two river tunnels have been sent between 3,000 and 3,500 feet out under the North River. The Jersey City ends of the river tunnels are within 200 feet of one another, but as they take their course under the river they separate and their terminal will be two blocks apart; one tunnel mouth will enter the Church street double station at Cortlandt street, another at Fulton.

At the mouths of the river tunnels, C. J. Crowley, who is in charge of the borings on the Jersey shore, explained the ground plan of the whole subterranean structure. This was to be a great station in the rock, he said. Passengers would drop down underground in elevators situated in the Pennsylvania station itself and in auxiliary elevators at Exchange place, south of the railroad station. Passengers descending will find themselves on a concourse, whence various stairs will lead them down to the subway, still further below. This concourse, followed out of the rock, will run transversely across all the tracks, permitting passengers to change cars for Hoboken, Newark or New York or to take passage to those points from the street or the station above.

There will not be more than one track in a single tunnel. Incoming and outgoing trains, whether from Newark or Hoboken and the Delaware, Lackawanna and Western station, will have each its separate track in its individual tunnel. One line will be planned the engineer, was to pass under the streets as far west as Washington street, then turn, dive under the Newark tracks and follow Washington street, with the river shore to the D. L. & W. station, with the loop tunnels at Sixteenth street passing under the North River to Greenwich and Christopher streets, Manhattan.

The second line, with its separate tunnels for incoming and outgoing trains, is to pass under Jersey City in a straight line to the intersection of Brunswick street and First avenue, at which point the tracks will emerge from the ground and trains will follow the surface tracks of the Pennsylvania system on to Newark.

Between the two sets of tunnels that converge beneath the Pennsylvania depot there is a short switchback tunnel, which is to serve as a switching point for all trains changing direction at the underground terminal.

The construction company had prepared a map of Jersey City and Manhattan to give a comprehensive view of the whole Hudson and Manhattan Railroad system, of which the Jersey tunnels are to be only a part. Red lines running from the subterranean station on the Jersey shore across the river to a block of red on Church street between Cortlandt and Fulton streets marked the line of the tunnels now being pushed under the North River by the projected twin terminal buildings. Another red line sprouting from the red block ran through the Fulton street station and the Pennsylvania station, where it will conduct passengers from the Hudson Companies' trains to the Interborough lines. The Ninth and Sixth streets, where the twin tunnels leading from Morton street under Greenwich and Christopher streets to Sixth avenue and the street already been completed. These borings will continue up Sixth avenue to connect with the Pennsylvania terminal at Thirty-third street and Sixth avenue.

Secretary Conger of the Hudson Companies, who escorted the visitors through the Jersey City tunnels, followed the red lines on the map with his pencil, pointing out meanwhile just what it will mean to have the Jersey, Manhattan and Long Island linked by the four tubes beneath the North River.

O'Neill-Adams Co

Stores Occupying Two Blocks, Sixth Ave., 20th to 22d St., N. Y.

Adams Balcony Book Store
HOLIDAY BOOKS
of Every Description
Marked Away Below Cost
for a Speedy Clearance

RELIGIOUS BOOKS
Make Exquisite and Dainty Holiday Gifts

Catholic Prayer Books
Large and Complete Assortment
We have a separate section devoted entirely to a large and comprehensive assortment of Catholic Prayer and Devotional Books and all kinds of Religious Articles.
Our stock of Crucifixes, Candlesticks, Sanctuary Lamps, Statues, Scapulars, &c., is the most complete in the city.

Episcopal Prayer Books, &c.
Complete assortment of Episcopal Prayer Books and Hymnals, Testaments, Psalms, Bibles and Church Hymnals; below we quote a few of the many specials we are offering.
Key of Heaven, in two volumes, bound in seal or calf; dainty gift editions. Regular price, 50c., our price, 2.50. **1.75**
Children's Catholic Prayer Book, with illustrations of the Mass, bound in morocco. Regular price, 50c., our price, 29c. **29c**
Handy Vest Pocket Prayer Book, bound in seal or calf. Regular price, 50c., 75c. and 1.00. **50c.**
Key of Heaven, bound in seal or calf, complete with epistles and Gospels. Regular price, 50c. **25c**
Key of Heaven, with Epistles and Gospels, bound in padded calf or seal red under gold edges. Regular price, 50c. **50c**
Key of Heaven, in very fine binding, padded calf or seal red under gold edges. Several designs to select from. Regular price, 79c. **79c**

O'NEILL STORE—1st Floor
UMBRELLAS FOR CHRISTMAS
The Best Values Yet

For Women—400 Women's 26-inch Umbrellas, covered with extra fine piece-dye tape edge taffeta; a large variety of handles, pearl and natural imported wood, with sterling silver trimmings, gun metal, &c.; regular values \$3 and \$3.50. **\$2.25**
For Men and Women—400 26 and 28-inch Umbrellas, covered with the best quality piece-dye taffeta, with tape edges. Handles are of the very newest and up-to-date styles—ivory, stag horn, Cape Horn, gun metal, fig and Pimento wood, with sterling silver trimmings; regular values \$3.50 to \$4.00. **\$2.75**
For Women—400 26-inch Umbrellas, covered with an extra quality of American piece-dye taffeta, tape edged, embracing a large variety of handles—pearl, gun metal, ivory and natural wood, with silver trimmings; regular value \$2.00. **\$1.25**

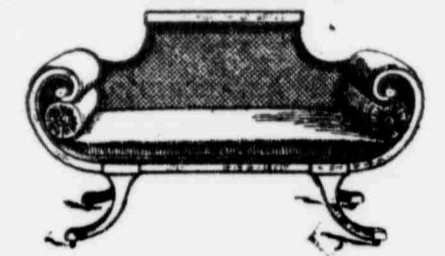
station of the Interborough subway for his trip uptown. If it begins to rain after he leaves Newark he won't know it until he gets out of the train at Times-Square station.
"Or suppose one comes into the new Pennsylvania station at Thirty-third street and wants to go to the Erie station in Hoboken. Without going above ground at all he will find himself at his destination in fifteen minutes by taking the train under the northern tunnel and getting off at the Erie station on the Jersey side.
There will be five tracks within the terminal station on Church street and alternate platforms will be used for the purpose of loading and unloading the trains. It is proposed to operate eight car trains during the rush hours on a headway of one and a half minutes between trains.
The passage under the river will consume about three minutes and within ten minutes a train leaving the New York terminal will reach the heart of Jersey City. In fifteen minutes an express will arrive at the D. L. & W. station in Hoboken. These time schedules, it is promised, will bring Jersey City and Hoboken residents nearer to the theatre and shopping districts of New York than residents of The Bronx or of Washington Heights.

ATTACK PORTO RICO COUNCIL.
Arpin and His Lawyer, Pettigill, Go to Congress.

Charges of improper conduct in office against the Executive Council of Porto Rico are made in documents sent to Congress from New York yesterday. Incidentally, they bring before Congress the case of Noah B. K. Pettigill, who on November 27 was removed from the United States Attorneyship of Porto Rico by President Roosevelt. Mr. Pettigill says that his side was not heard as fully as it might have been.

Arsene L. Arpin is the man who submits the papers. Pettigill is Arpin's attorney and was active in pressing Arpin's complaint against the Porto Rican Council. Arpin is a Wisconsin Yankee who went to Porto Rico eight years ago. He became the owner of land surrounding Comerio Falls in the Plata River, near San Juan, and applied for a franchise to furnish power and light. He says the Executive Council turned him down and made the grant to persons who forfeited them because they didn't own the land and couldn't deliver the goods. In August of last year the franchise finally went to the Porto Rico Power and Light Company. This action, it is charged in Arpin's letter to Congress, was due to personal interest of friends of the Executive Council.

Here is where Mr. Pettigill comes in. He is the letter to Congress. He says, "not because of misconduct in office, but because as my attorney he made charges of fraud against the Executive Council, which charges were untrue and he brought many suits against the People of Porto Rico" (not the United States). During the administrations of Govs. Allen and Hunt and of Attorney-Generals Harlan and Sweet he never heard any suggestion that he shouldn't do it. He submits a list of cases in which United States attorneys of other United States territories have represented interests opposed to that of the territories. These he terms precedents.



Sheraton Sofa
Inlaid with satin wood, cane back. An example from a stock that is rich in Sheraton reproductions.

Schmitt Brothers,
Furniture Makers,
Established 1855. **40 East 23d**

JAIL RATHER THAN PAY FINE.

MAN WITH \$146 GOES TO CELL FOR PRINCIPLE.

Former Subway Employee Arrested for Raising a Row When His Pass Was Taken Away—He Said He Needed It to Get Back Pay and Fine Was Unjust.

Irving M. Curtis, who was employed for two years in the subway, was fined \$5 in the Yorkville police court yesterday on a charge of disturbing the peace in the subway. He refused to pay, although able to do so, and said he would appeal to a higher court. Curtis was arrested at the Grand Central Station at the rush hour on Friday. He had a subway employee's pass when he tried to go on the platform. Edward McGowan, the gatekeeper, took the card, because it was for November, and handed it to Charles Kirp, the ticket agent. Curtis demanded the return of the pass, and when it was not given to him he put his hand inside the window to get it and swept some of the ticket agent's money on the floor.

When the case was called for examination in court the prisoner's father, Edward Curtis, asked Magistrate Wahle if he could defend his son. He said he was a member of the Massachusetts bar, but was not practicing law in this State. The Magistrate told him to go ahead.

The gatekeeper said he had seized the young man's pass because he had been instructed to take up old passes. The prisoner's father asked the gatekeeper and the ticket agent if employees didn't draw their pay on the pass issued by the company. The men said that was correct.

"This is the point, your Honor," contended the father. "My son has not been discharged from the company. He is on leave of absence and the company owes him \$15 for November. He went down to the subway station to get the money that is due him and his pass was seized. It was stolen. I claim. Another person could present the card at the pay train in the subway and get my son's money."

Mr. Curtis said that his son had studied electricity and was graduated from Pratt Institute in Brooklyn and had been ticket agent for the subway at the Grand Central and Brooklyn Bridge stations. The young man had been highly commended by his superiors, the lawyer said, and he showed communications from Supt. Merritt and other officers of the subway to bear him out.

Stern Brothers

Holiday Suggestions
Attention is directed to large and choice lines of

Bronzes, Marbles, Bric-a-Brac, China & Cut Glass

Specially selected for the present season, ranging in price from the most moderate to the costliest.

Exceptionally Fine Pieces of Imported Art Furniture.

DECORATIVE LACE NOVELTIES
(ON THE THIRD FLOOR)

Beautiful effects in various Hand-made Laces in Lounging Pillows, Lace and Embroidered Pouches for Handkerchiefs, Gloves, Etc. Scarfs, Tea Cloths, Table Runners, Doylies, Centre Pieces and various lace articles for the Boudoir, Dining Room and Library.

Also exquisite creations of lace and embroidery in various novelties, such as Baskets, Pin Cushions, Utility and Jewel Boxes, Etc., in a wide range of prices.

LEATHER GOODS
Imported Novelties embracing all that is useful for autoists, travelers and for general service.

Traveling Bags and Suit Cases, plain and fitted with sterling silver, ivory and ebony. Card Cases, Wallets, Cigar and Cigarette Cases, Portfolios, Strap Books, Carriage and Shopping Bags, Touring Baskets and Hampers in Wicker and Leather.

JEWELRY
The latest importations and most fashionable fancies.

Necklaces, Brooches, Vanity Cases, Purses, Bags, and Pencils, Cigarette and Card Cases, Belts, Mounted Combs and Jet Goods. Standard American and Swiss Watches, also Thin Model Watches, for Men and Women.

MEN'S FURNISHINGS
Smoking Jackets, House Coats and Robes, Neckwear, Braces, Mufflers, Gloves, Canes & Umbrellas.

West Twenty-third Street

John Dantell Sons & Sons

For To-Morrow, Monday,
Will Offer Their Immense Assortment of

Holiday Goods
AT CUT PRICES.

Representing an Unlimited Variety of

Fine Jewelry, Watches, Diamonds, Rich Fans, Real Laces, Handkerchiefs, Umbrellas, Fancy Baskets, Stationery, Steamer Rugs, Gloves, Dolls, Games, China, Furs, Opera Glasses, Silverware, Bric-a-Brac, Cut Glass, Toilet Articles, Perfumeries, Leather Goods, Playing Cards, Pictures, Bath Robes, Curtains, Rugs, Furniture, Men's Furnishing Goods.

50,000 Christmas Cards and Calendars
Broadway, Eighth and Ninth Sts.

except under protest," declared young Curtis. "I am going to take an appeal from your decision to a higher court," put in the prisoner's father.

"I shall not pay this fine. Send me to prison if you are determined to do so," declared the young man.

The Magistrate made out the commitment and he was taken down to the court prison. He handed over \$146 to the care of Warden Lynch.

The young man gave his address as 85 Pineapple street, Brooklyn. His father said he intended to get a writ of habeas corpus from some Supreme Court Justice and test the legality of his son's commitment.

ALL CARS TRANSFER TO Bloomingdales LEXINGTON to 3rd AVE. 59th to 60th St.

The Last Day!
To-morrow Will Be the Last Day of Our Gigantic Xmas Sale of

\$400 Walters Pianos for \$220.

Your last chance to buy
\$400 Walters Louis XV. Concert Grand Upright Pianos

for \$220

On the Very Liberal Terms of
\$5 Down and \$1 a Week

Celebrated Louis XV. Walters Pianos are Masterpieces of Piano Construction. Pianos Built to Last Forever.

If you have not secured one of these greatest piano values in the world, do not put it off a minute; come at once.

This sale ends at 10 o'clock to-morrow evening.
This is unquestionably the most wonderful piano value EVER OFFERED. Don't miss it, but come to the Bloomingdale Piano Warerooms early to-morrow morning and secure one of these new model Louis XV. 1907 celebrated tone-lasting Walters pianos.

In Total Quality the Walters Louis XV. Piano is preeminent. In Construction it is without a rival. In artistic designing it is beautiful. Besides making one of the best piano investments in the world,

you save from \$150 to \$200
We charge no interest for time taken in making payments. No insurance and no "EXTRAS" whatever—\$220, that's all. Pianos delivered upon payment of \$5.00.

We Also Offer the Following Celebrated Walters Pianos
on which we guarantee you a saving of from 40% to 50% in this Great Christmas Sale. Besides the best piano investment you can make:

\$430 Style C Walters Pianos, \$225 \$490 Style F Walters Pianos, \$300 \$500 Style H Walters Pianos, \$250 \$700 Style R Walters Pianos, \$325 \$750 WALTERS VERTICAL GRAND PIANOS, \$375 \$900 WALTERS MASTERSTONE PLAYER-PIANO, SUPERIOR TO ANY PLAYER-PIANO ON THE MARKET, \$450 \$1,000 WALTERS BABY GRAND PIANOS, \$575

Don't Put It Off! Come early to-morrow morning, for, as Mr. Walters states, this offer is one that has never been heard of in the history of the piano trade. Piano Warerooms, 3d Floor.

All Cars Transfer to **Bloomingdales'** Lex. to 3d Av. 59th to 60th St.

ALL CARS TRANSFER TO Bloomingdales LEXINGTON to 3rd AVE. 59th to 60th St.

Store Open To-morrow Evening Until 10 o'clock.

Come to Bloomingdales' To-morrow, the Last Day Before Xmas, for Complete Assortments of Handkerchiefs, Men's and Women's Neckwear, Gloves, Furs, Cut Glass, Bric-a-Brac, Marble Busts and Other Gift Goods Right Up to the Very Last Minute.

Everybody knows that Bloomingdales' is the most helpful Christmas store, not only because it is the most resourceful, nor because it steadfastly maintains the very lowest prices for strictly reliable merchandise, but, also, because it constantly keeps its stocks of wanted goods at floodtide. A visit to this great store to-morrow, Monday, will result in quick decisions for those who still are in a quandary as to what to select for certain relatives or friends.

We promise that, even in the hurly-burly, hustle and bustle of the last day before Christmas, we will be able to supply all who have not yet completed their purchases of gift goods—not only supply them, but to do it in the most satisfactory and pleasing manner.

All Cars Transfer to **Bloomingdales'** Lex. to 3d Av. 59th to 60th St.

FOR DRESS WEAR.
Three-button Cutaway Frock, with flat silk braid, to order, Coat and Vest, \$25. Double-breasted Frock, silk lined and faced, \$35; made of imported unfinished worsted or Vicuna Thibet. Special line of English Trousering, \$7.00.

Our Full Dress Suits at \$40. Tuxedos, \$35; made of English Drap, silk lined and Peter Pan facing, the best money can buy. These garments to be right must be designed by an artist; we have the talent. Let us mail samples of the materials and linings.

ARNHEIM,
Broadway & Ninth Street.

WHIPPED THE FOOTPAD.
Then George Hart Presented Him With the Dollar Watch He Had Stolen.
GLEN RIDGE, N. J., Dec. 22.—While George Hart was passing along Ridgewood avenue early this morning he was approached by a man who asked him the time. Hart took out his watch, and at the same time the stranger struck a match. The unexpected blaze dazzled Hart a little, and in an instant the thief was off on a run with the timepiece in his hand.
Hart is something of a sprinter, although he is on the wrong side of the age line, and soon caught the thief. After a tussle in which the thief was well pummeled Hart let go of him, saying:
"You can keep that watch; it cost me only a dollar and the exercise I've had was worth more than that."